

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	vitreous near5 vitroceramic near5 transparent near5 infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 09:09
S2	6	((("5389584") or ("4835121") or ("20020022564"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/25 08:28
S3	50	(US-20060223688-\$).did. or (US-6423467-\$ or US- 4044173-\$ or US-6310220- \$ or US-6465507-\$ or US- 6475753-\$ or US-4535124- \$ or US-4879324-\$ or US- 4945964-\$ or US-5019624- \$ or US-5187231-\$ or US- 5244976-\$ or US-5320785- \$ or US-5384369-\$ or US- 5434207-\$ or US-5583181- \$ or US-5591410-\$ or US- 5612425-\$ or US-5744569- \$ or US-5840791-\$ or US- 5955458-\$ or US-5977053- \$ or US-5994471-\$ or US- 6046294-\$ or US-6156832- \$ or US-6251969-\$ or US- 6258874-\$).did. or (US- 6262176-\$ or US-6264839- \$ or US-6265636-\$ or US- 6268418-\$ or US-6268423- \$ or US-6274546-\$ or US- 6277386-\$ or US-6281375- \$ or US-6284830-\$ or US- 6291573-\$ or US-6297314- \$ or US-6299936-\$ or US- 6313085-\$ or US-6329359- \$ or US-6329448-\$ or US- 6336942-\$ or US-6340664- \$ or US-6342472-\$ or US- 6344548-\$ or US-6348530- \$ or US-6348557-\$ or US- 6362192-\$ or US-6362261- \$).did.	US-PGPUB; USPAT	OR	ON	2007/04/25 11:30
S4	1	S3 and vitroceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:30

S5	7	S3 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:31
S6	355	501/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:31
S7	451	501/37.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:31
S8	351	501/904.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:31
S9	955	S6 S7 S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:31
S10	242	501/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:01
S11	530	501/104.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:37
S12	1671	S9 S10 S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:34
S13	240	501/140.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:37
S14	1379	S9 S10 S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:37
S15	56	S14 and (gallium or "Ga") and (germanium or "Ge") and (arsenic or "As") and (sulfur or "S") and (antimony or Sb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 11:48
S16	10	("20030104918"   "20040079114"   "20050274145"   "4481023"   "4734118"   "4747864"   "4897101"   "4929265"   "6756333"   "6984598").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 13:13

S17	5	S16 and (halide or halogen or iodine or chlorine or fluorine or iodide or chloride or fluoride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 12:50
S18	186	501/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:01
S19	1077	501/32.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:01
S20	2141	S6 S7 S10 S18 S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:02
S21	16	S20 and ((chalcogenide or non-oxide or nonoxide) same selenide same sulfide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:11
S22	32	S20 and ((chalcogenide or non-oxide or nonoxide) same (halogen or "Br" or "I" or "Cl"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:20
S23	7	S21 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:13
S24	23	S22 not S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:13
S25	88	(chalcogenide or non-oxide or nonoxide) same (halogen or "Br" or "I" or "Cl") same (germanium or "Ge") same (selenium or selenide or "Se") same (arsenic or "As") same (antimony or "Sb")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:22
S26	74	(chalcogenide or non-oxide or nonoxide) same (halogen or "Br" or "I" or "Cl") same (germanium or "Ge") same (selenium or selenide or "Se") same (arsenic or "As") same (antimony or "Sb")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 14:50
S27	143	sanghera.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:51

S28	9	aggrawal.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:52
S29	45	bayya.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:52
S30	33	sanghera-jasbinder-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:51
S31	10	bayya-shyam-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:52
S32	0	aggrawal-ishwar-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:52
S33	325	villalobos.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:52
S34	488	S27 S28 S29 S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:52
S35	60	S34 and (chalcogenide or nonoxide or non-oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:54
S36	39	S34 and (chalcogenide or nonoxide or non-oxide) same infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:54
S37	39	S34 and (chalcogenide or nonoxide or non-oxide) same infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 15:53
S38	2	("20040079114").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/25 15:53
S39	2	S38 and crystal\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 16:02
S40	43	infrared with wavelenght	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 16:02

S41	55769	infrared with wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 16:02
S42	4590	(infrared with wavelength) same glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 16:02
S43	107	(infrared with wavelength) same (chalcogenide with glass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 16:03
S44	3	(infrared with wavelength with ("nm" or "um")) same (chalcogenide with glass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 16:06
S45	2308	(infrared with wavelength with ("700 nm" or "750 nm"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 16:06
S46	121	(infrared with wavelength with ("700 nm" or "750 nm")) same glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 16:06
S47	2	("7143609").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/26 10:32
S48	28	("3961929"   "4388097"   "4481023"   "4734118"   "4854958"   "4921519"   "4969944"   "5026415"   "5076980"   "5108477"   "5276538"   "5284501"   "5346523"   "5623368"   "5744409"   "5852516"   "5876642"   "5910256"   "5938807"   "6003336"   "6003338"   "6105395"   "6119485"   "6151915"   "6151917"   "6178281"   "6230520"   "6784128"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 11:23
S49	1	EP-1034145-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 11:19
S50	2	("5389584").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/27 11:20

S51	0	S50 and ("CsX" or "CsI" or "CsF" or "CsBe" or "CsCl")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 11:21
S52	2	S50 and (halide or halogen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 11:21
S53	28	("3961929"   "4388097"   "4481023"   "4734118"   "4854958"   "4921519"   "4969944"   "5026415"   "5076980"   "5108477"   "5276538"   "5284501"   "5346523"   "5623368"   "5744409"   "5852516"   "5876642"   "5910256"   "5938807"   "6003336"   "6003338"   "6105395"   "6119485"   "6151915"   "6151917"   "6178281"   "6230520"   "6784128").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 11:23
S54	18	S53 and crystal\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 12:53
S55	395	(vitroceramic or glassoceramic or (glass adj ceramic)) with infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 12:56
S56	5	(vitroceramic or glassoceramic or (glass adj ceramic)) with infrared with ((particle adj size) or size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 12:57
S57	0	(vitroceramic or glassoceramic or (glass adj ceramic)) with infrared with (crystal near ((particle adj size) or size))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 12:57
S58	2	("5392376").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/27 13:14
S59	22	("4188089"   "4612294"   "4704371"   "4942144"   "5240885").PN. OR ("5392376").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 14:33
S60	21	S59 and (cesium or "Cs" or "CsX" or "CsI" or "CsBr" or "CsCl" or "CsF")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 14:36

S61	365	(cesium or "Cs" or "CsX" or "Csl" or "CsBr" or "CsCl" or "CsF") with ("Sb" or antimony) same (chalcogenide or non-oxide or nonoxide or vitroceraic or (vitro near ceraic) or (milky near glass) or (glass near ceraic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 14:38
S62	365	(cesium or "Cs" or "CsX" or "Csl" or "CsBr" or "CsCl" or "CsF") with ("Sb" or antimony) same (chalcogenide or non-oxide or nonoxide or vitroceraic or (vitro near ceraic) or (milky near glass) or (glass near ceraic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 14:39
S63	13	(cesium or "Cs" or "CsX" or "Csl" or "CsBr" or "CsCl" or "CsF") with ("Sb" or antimony) with sulfur with germanium same (chalcogenide or non-oxide or nonoxide or vitroceraic or (vitro near ceraic) or (milky near glass) or (glass near ceraic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 15:03
S64	5	infrared with optics with (vitroceraics or (vitro near ceraics) or (glass near ceraics) or (milky near ceraics))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/27 15:04
S65	1671	(crystal or microcrystal or microcrystalline or crystalline) same (citroceraic or (glass near ceraic) or (milky near glass))	JPO; DERWENT	OR	ON	2007/04/30 07:58
S66	114	(crystal or microcrystal or microcrystalline or crystalline) same (citroceraic or (glass near ceraic) or (milky near glass)) same size	JPO; DERWENT	OR	ON	2007/04/30 07:58
S67	1	(crystal or microcrystal or microcrystalline or crystalline) same (citroceraic or (glass near ceraic) or (milky near glass)) same size same infrared	JPO; DERWENT	OR	ON	2007/04/30 07:57

S68	1	(crystal or microcrystal or microcrystalline or crystalline) with size same (vitroceramic or (glass near ceramic) or (milky near glass)) same infrared	JPO; DERWENT	OR	ON	2007/04/30 07:58
S69	1677	(crystal or microcrystal or microcrystalline or crystalline) same (vitroceramic or (glass near ceramic) or (milky near glass))	JPO; DERWENT	OR	ON	2007/04/30 07:58
S70	114	(crystal or microcrystal or microcrystalline or crystalline) same (vitroceramic or (glass near ceramic) or (milky near glass)) same size	JPO; DERWENT	OR	ON	2007/04/30 07:58
S71	114	(crystal or microcrystal or microcrystalline or crystalline) same (vitroceramic or (glass near ceramic) or (milky near glass) or (vitro near ceramic)) same size	JPO; DERWENT	OR	ON	2007/04/30 07:59
S72	1	(crystal or microcrystal or microcrystalline or crystalline) with size same (vitroceramic or (glass near ceramic) or (milky near glass) or (vitro near ceramic)) same infrared	JPO; DERWENT	OR	ON	2007/04/30 07:59
S73	94	(crystal or microcrystal or microcrystalline or crystalline) with size same (vitroceramic or (glass near ceramic) or (milky near glass) or (vitro near ceramic))	JPO; DERWENT	OR	ON	2007/04/30 08:43
S74	0	(crystal or microcrystal or microcrystalline or crystalline) with size same (vitroceramic or (glass near ceramic) or (milky near glass) or (vitro near ceramic)) and (chalcogenide or non-oxide or (non near oxide))	JPO; DERWENT	OR	ON	2007/04/30 08:44
S75	355	501/40.ccls.	US-PGPUB; USPAT; USOQR; EPO; JPO; DERWENT	OR	ON	2007/04/30 14:31



S76	26	S75 and (cesium or (cesium near iodide) or (cesium near bromide) or (cesium near fluoride) or (cesium near chloride) or (cesium near halide) or "CsX" or "CsI" or "CsBr" or "CsCl" or "CsF")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/30 14:33
S77	2	("5867515").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/27 10:25
S78	623796	"NaI" or "NaCl" or "NaBr" or (sodium near iodide) or (sodium near bromide) or (sodium near chloride) or "KI" or "KCl" or "KBr" or (potassium near iodide) or (potassium near chloride) or (potassium near bromide) or "ZnI" or "ZnCl" or "ZnBr" or (zinc near iodide) or (zinc near chloride) or (zinc near bromide) or "CsI" or "CsCl" or "CsBr" or (cesium near iodide) or (cesium near chloride) or (cesium near bromide) or "RbI" or "RbCl" or "RbBr" or (rubidium near iodide) or (rubidium near chloride) or (rubidium near bromide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 14:04
S79	36	S78 same (chalcogenide near5 glass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 11:13
S80	9394	S78 with glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 11:13
S81	3	S78 with glass same ("gallium" or "Ga") same ("germanium" or "Ge") same ("arsenic" or "As") same ("antimony" or "Sb")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 11:15
S82	2	S78 with glass same ("gallium" or "Ga") same ("germanium" or "Ge") same ("arsenic" or "As") same ("antimony" or "Sb") same (sulphur or sulfur or "S")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 11:32

S83	2	("5346865").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/27 11:32
S84	0	S83 and chalconegide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 11:32
S85	2	S83 and ("KQ" or "NaCl")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 11:33
S86	0	S83 and ("KQ" or "NaCl") and (germanium or "Ge") and (gallium or "Ga")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 11:34
S87	0	S83 and ("KQ" or "NaCl") and (gallium or "Ga")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 11:34
S88	0	S83 and ("KQ" or "NaCl") and (germanium or "Ge")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 11:34
S89	2	("7143609").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/27 11:34
S90	28	("3961929"   "4388097"   "4481023"   "4734118"   "4854958"   "4921519"   "4969944"   "5026415"   "5076980"   "5108477"   "5276538"   "5284501"   "5346523"   "5623368"   "5744409"   "5852516"   "5876642"   "5910256"   "5938807"   "6003336"   "6003338"   "6105395"   "6119485"   "6151915"   "6151917"   "6178281"   "6230520"   "6784128"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/27 11:45

S91	1	S90 and ("NaI" or "NaCl" or "NaBr" or (sodium near iodide) or (sodium near bromide) or (sodium near chloride) or "KI" or "KCl" or "KBr" or (potassium near iodide) or (potassium near chloride) or (potassium near bromide) or "ZnI" or "ZnCl" or "ZnBr" or (zinc near iodide) or (zinc near chloride) or (zinc near bromide) or "CsI" or "CsCl" or "CsBr" or (cesium near iodide) or (cesium near chloride) or (cesium near bromide) or "RbI" or "RbCl" or "RbBr" or (rubidium near iodide) or (rubidium near chloride) or (rubidium near bromide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 11:48
S92	34521	("NaI" or "NaCl" or "NaBr" or (sodium near iodide) or (sodium near bromide) or (sodium near chloride) or "KI" or "KCl" or "KBr" or (potassium near iodide) or (potassium near chloride) or (potassium near bromide) or "ZnI" or "ZnCl" or "ZnBr" or (zinc near iodide) or (zinc near chloride) or (zinc near bromide) or "CsI" or "CsCl" or "CsBr" or (cesium near iodide) or (cesium near chloride) or (cesium near bromide) or "RbI" or "RbCl" or "RbBr" or (rubidium near iodide) or (rubidium near chloride) or (rubidium near bromide)) same (sulfur or sulphur or "S" or selenium or "Se") same (antimony or "Sb" or "As" or arsenic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 14:19
S93	355	501/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 14:07
S94	6	S93 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 14:07

S95	4	S94 and (germanium or (germanium near (sulfide or sulphide)) or "Ge" or "GeS")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 14:08
S96	118646	("NaI" or "NaCl" or "NaBr" or (sodium near iodide) or (sodium near bromide) or (sodium near chloride) or "KI" or "KCl" or "KBr" or (potassium near iodide) or (potassium near chloride) or (potassium near bromide) or "ZnI" or "ZnCl" or "ZnBr" or (zinc near iodide) or (zinc near chloride) or (zinc near bromide) or "CsI" or "CsCl" or "CsBr" or (cesium near iodide) or (cesium near chloride) or (cesium near bromide) or "RbI" or "RbCl" or "RbBr" or (rubidium near iodide) or (rubidium near chloride) or (rubidium near bromide) or sodium or potassium or rubidium or cesium or chlorine or bromine or iodine) same (sulfur or sulphur or "S" or selenium or "Se") same (antimony or "Sb" or "As" or arsenic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 14:20
S97	269	S93 and (Rb or rubidium or Cs or cesium or sodium or Na or K or potassium or zinc or Zn)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 14:22
S98	172	S97 and (chlorine or bromine or iodine or Cl or Br or I)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 14:23
S99	65	S98 and (germanium or (germanium near (sulfide or sulphide)) or "GeS.sub.2" or GeS <sub>2</sub> or GeSe <sub>2</sub> or "GeSe.sub.2" or GeSe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 14:26
S100	2	("7143609").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/10 09:09
S101	0	S100 and mol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 09:09

S102	1	S100 and mole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 11:27
S103	2	("7143609").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/10 11:27
S104	2	S103 and (infrared or wavelength)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 11:37
S105	2	S103 and crystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 11:37
S106	2	S103 and crystal\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 11:37
S107	0	S103 and (non near crystal \$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 13:58
S108	4	("4308171").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/10 14:40
S109	355	501/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 14:40
S110	243	501/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 14:40
S111	186	501/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 14:40
S112	738	S109 S110 S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 14:40
S113	293	S112 and (crystal or crystalline or crystaliz\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 14:41
S114	49	S112 and (crystal or crystalline or crystaliz\$4) and chalcogenide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 14:41

S115	35	S114 and (germanium or "Ge") and (arsenic or "As" or antimony or "Sb")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 14:43
S116	19	S115 and (halide or halogen) and ("Na" or "Li" or "Cs" or "K" or lithium or potassium or cesium or sodium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 15:01
S117	6	(("6128429") or ("7143609") or ("5389584")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/10 14:51
S118	0	S117 and (crystalized or crystalize or crystalizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 14:51
S119	2	S117 and (crystalline or crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 14:52
S120	14	(vitroceramic or vitrous) same heat same (crystal or crystalize or crystalized or crystalline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 15:14
S121	2	S120 and S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 15:02
S122	320	chalcogenide same heat same (crystal or crystalize or crystalized or crystalline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 15:05
S123	2	S112 and S122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 15:05
S124	2	S117 and heat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 15:14
S125	4	S117 and heat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 15:42
S126	2	("5246889").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/10 15:42

S127	1	S126 and crystal same size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 16:06
S128	142	501/3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 16:18
S129	435	501/10.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/10 16:07
S130	4	("3820968").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/10 16:09
S131	5	("3820968").URPN.	USPAT	OR	ON	2007/10/10 16:13
S132	0	S131 and (crystal or size)	USPAT	OR	ON	2007/10/10 16:13
S133	2	S131 and (crystal or size or crystalline or crystallize or crystallize)	USPAT	OR	ON	2007/10/10 16:13
S134	50	(US-20060223688-\$).did. or (US-6258874-\$ or US- 6251969-\$ or US-5840791- \$ or US-5744569-\$ or US- 5612425-\$ or US-6475753- \$ or US-6423467-\$ or US- 6348557-\$ or US-6340664- \$ or US-6313085-\$ or US- 6291573-\$ or US-6284830- \$ or US-6281375-\$ or US- 5977053-\$ or US-5955458- \$ or US-5591410-\$ or US- 5187231-\$ or US-5019624- \$ or US-4945964-\$ or US- 6362261-\$ or US-6348530- \$ or US-6336942-\$ or US- 6299936-\$ or US-6297314- \$ or US-6274546-\$ or US- 6268423-\$).did. or (US- 6264839-\$ or US-6262176- \$ or US-5320785-\$ or US- 5244976-\$ or US-6465507- \$ or US-6362192-\$ or US- 6344548-\$ or US-6342472- \$ or US-6329448-\$ or US- 6329359-\$ or US-6310220- \$ or US-6277386-\$ or US- 6156832-\$ or US-6046294- \$ or US-5434207-\$ or US- 5384369-\$ or US-4535124- \$ or US-4044173-\$ or US- 6268418-\$ or US-6265636-	US-PGPUB; USPAT	OR	ON	2007/10/12 09:58

		\$ or US-5994471-\$ or US-5583181-\$ or US-4879324-\$).did.				
S135	2	S134 and ((crystalliz\$4 or crystal) with size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 10:00
S136	355	501/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 10:01
S137	243	501/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 10:01
S138	186	501/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 10:01
S139	738	S136 S137 S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 10:01
S140	142	501/3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 10:01
S141	435	501/10.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 10:01
S142	1251	S139 S140 S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:28
S143	355	501/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:28
S144	243	501/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:28
S145	186	501/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:28
S146	738	S143 S144 S145	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:28



S147	142	501/3.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:28
S148	435	501/10.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:28
S149	1251	S146 S147 S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:28
S150	210	S149 and (crystal\$4 near10 size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:29
S151	200	S149 and (crystal\$4 near10 size) and glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:29
S152	105	S149 and (crystal\$4 near10 size) with glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:41
S153	0	S149 and (crystal\$4 near10 size) with glass same chalcogenide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:29
S154	0	S149 and (crystal\$4 near10 size) with glass same chalco\$10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:29
S155	8	S149 and (crystal\$4 near10 size) with glass same (vitreous or vitroceramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:30
S156	9	S149 and ((crystal\$4 near10 size) with glass) not ("SiO.sub.2" or SiO2 or (sillon near (oxide or dioxide)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 11:56
S157	6	((("7143609") or ("5389584") or ("6128429"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/12 11:57
S159	6	((("7143609") or ("5389584") or ("6128429"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/12 12:01

S160	1	S159 and (glass near2 ceramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/12 12:01
S161	2	("5958545").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/02 15:05
S162	357	501/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S163	455	501/37.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S164	353	501/904.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S165	963	S162 S163 S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S166	247	501/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S167	536	501/104.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S168	240	501/140.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S169	357	501/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S170	247	501/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S171	187	501/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S172	745	S169 S170 S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05

S173	143	501/3 ccls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S174	447	501/10 ccls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S175	2557	S165 S166 S167 S168 S172 S173 S174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:05
S176	492	S175 and ((glass near4 ceramic) or vitroceramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:06
S177	108159	zhang.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:06
S178	14896	lucas.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:06
S179	27376	ma.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:06
S180	44708	adam.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:06
S181	0	((S177 S178 S179 S180) and "Ge" and "Ca" and "Se" and "MX").clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:08
S182	0	((S177 S178 S179 S180) and gallium and germanium and antimony and selenium).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:08
S183	0	((S177 S178 S179 S180) and vitroceramic).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:08
S184	192097	S177 S178 S179 S180	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:08
S185	14	S184 and gallium and selenium and germanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:09

S186	30	S175 and gallium and selenium and germanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:10
S187	30	S175 and gallium and selenium and germanium and glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/04 14:10

4/ 4/ 2008 2:11:30 PM

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